Catalog of Chemical Suppliers, Buyers, Custom Synthesis Companies And Equipment Manufacturers
[ IRON 7439-89-6 ]

Suppliers:
Not Available

Buyers:
Not Available

==================================  Product Identification  ==================================

MSDS NAME: IRON
NIIN: 00-270-3248
MSDS Number: BWLCM

=== Responsible Party ===
Company: J.T. BAKER CHEMICAL CO
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG
State: NJ
ZIP: 08865
Country: US
Info Phone Num: 800-JTBAKER
Emergency Phone Num: 201-859-2151/800-424-9300 (CHEMTR)
CAGE: DO870

=== Contractor Identification ===
Company: J.T. BAKER CHEMICAL CO.
Address: 222 RED SCHOOL LANE
City: PHILLIPSBURG
State: NJ
ZIP: 08865-2219
Country: US
Phone: 201-859-2151
CAGE: DO870
Company: MALLINCKRODT BAKER, INC.
Address: 222 RED SCHOOL LANE
Box: City: PHILLIPSBURG
State: NJ
ZIP: 08865
Country: US
Phone: 800-582-2537
CAGE: 70829

==========================  Composition/Information on Ingredients  =========================
Name: IRON  
CAS: 7439-89-6  
RTECS #: NO4565500  
Fraction by Wt: 90-100%  
Other REC Limits: NONE RECOMMENDED  
OSHA PEL: 5 MG/M3  
ACGIH TLV: 10 MG/M3 AS Fe2O3

====================  Hazards Identification  =====================

Routes of Entry: Inhalation: YES  Skin: YES  Ingestion: NO  
Reports of Carcinogenicity: NTP: NO  IARC: NO  OSHA: NO  
Health Hazards Acute and Chronic: CHRONIC EFFECTS: NONE IDENTIFIED.  
Explanation of Carcinogenicity: NONE IDENTIFIED.  
Effects of Overexposure: INHALATION - IRRITATION OF UPPER RESPIRATORY TRACT. SKIN - IRRITATION. EYE - IRRITATION. INGESTION - NONE IDENTIFIED.  
Medical Cond Aggravated by Exposure: NONE IDENTIFIED.

======================  First Aid Measures  =======================

First Aid: INGESTION - IF SWALLOWED & CONSCIOUS, IMMEDIATELY GIVE LARGE AMOUNTS OF WATER. GET MEDICAL ATTENTION. INHALATION - IF PERSON BREAThes LARGE AMOUNTS, MOVE THE PERSON TO FRESH AIR. SKIN - IN CASE OF CONTACT, IMMEDIATELY WASH SKIN WITH PLENTY OF SOAP & WATER FOR AT LEAST 15 MIN. EYE - IN CASE OF CONTACT, IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES.

=====================  Fire Fighting Measures  =====================

Extinguishing Media: USE POWDERED GRAPHITE, POWDERED SALT, OR POWDERED LIMESTONE. DO NOT USE WATER, CARBON DIOXIDE, OR DRY CHEMICAL.  
Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR PROPER PROTECTIVE EQUIPMENT & SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN POSITIVE PRESSURE MODE.  
Unusual Fire/Explosion Hazard: DUST MAY FORM EXPLOSIVE MIXTURE WITH AIR.

==================  Accidental Release Measures  ==================

Spill Release Procedures: WEAR SUITABLE PROTECTIVE CLOTHING. CAREFULLY SWEEP UP AND REMOVE.  
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

=====================  Handling and Storage  ======================

Handling and Storage Precautions: KEEP CONTAINER TIGHTLY CLOSED.  
SUITABLE FOR ANY GENERAL CHEMICAL STORAGE AREA. STORE IN DRY AREA.  
Other Precautions: NONE.

=============  Exposure Controls/Personal Protection =============

Respiratory Protection: NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, USE AN APPROPRIATE RESPIRATOR OR DUST MASK.  
Ventilation: USE DEsADEQUATE GENERAL OR LOCAL EXHAUST VENTILATION TO KEEP FUME OR DUST LEVELS AS LOW AS POSSIBLE.  
Protective Gloves: PROPER GLOVES RECOMMENDED.
Eye Protection: SAFETY GOGGLES RECOMMENDED.
Other Protective Equipment: NONE SPECIFIED BY MANUFACTURER.
Work Hygienic Practices: WASH AFTER HANDLING.
Supplemental Safety and Health
STORAGE COLOR CODE: ORANGE (GENERAL STORAGE).

================== Physical/Chemical Properties =================
HCC: N1
Boiling Pt: B.P. Text: 4982F, 2750C
Melt/Freeze Pt: M.P./F.P. Text: 2795F, 1535C
Spec Gravity: 7.87
Solubility in Water: NEGLIGIBLE
Appearance and Odor: GRAY CRYSTALLINE CHIPS.
Percent Volatiles by Volume: 0

=============== Stability and Reactivity Data ===============
Stability Indicator/Materials to Avoid: YES
STRONG ACIDS, STRONG OXIDIZING AGENTS, WATER, MINERAL ACIDS.
Stability Condition to Avoid: MOISTURE, HEAT, FLAME, OTHER SOURCES OF OXIDATION, AIR.
Hazardous Decomposition Products: NONE IDENTIFIES.

============== Disposal Considerations =================
Waste Disposal Methods: DISPOSE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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*** END OF RECORD ***